



Infrastructure as a Service (IaaS) Federal Cloud Computing Initiative

GSA Blanket Purchasing Agreements Ordering Guide 2011



Strategic Solutions Contract Operations Division

The General Services Administration (GSA), Federal Acquisition Service (FAS), Integrated Technology Service (ITS), Strategic Solutions Contract Operations Division offers a portfolio of pre-competed, Information Technology (IT) solutions Blanket Purchase Agreements (BPAs) awarded to firms. The BPAs in this division are for specialized IT products and solutions, including BPAs related to the Federal Cloud Computing Initiative.

We make it easy for you, our federal customers, by providing:

- Access to high-quality industry partners
- Pre-competed, multiple-award BPAs
- Shorter procurement lead time
- Socioeconomic credit through FPDS-NG reporting
- Customer focused staff with experience in technology acquisitions
- Scope compatibility reviews of prospective orders & modifications
- Acquisition support
- Consistent service categories for all vendors

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1.0 Introduction

Infrastructure as a Service (IaaS) Ordering Guide

The Infrastructure as a Service (IaaS) Blanket Purchase Agreements (BPAs) were competitively awarded by GSA in accordance with FAR 8.405-3 to provide ordering activities with IaaS offerings at discounted prices and to facilitate the following:

Commodity Pricing – IaaS BPA holders were required to provide detailed pricing for explicitly defined, standard services, so customers can easily compare pricing for a single service across BPA holders. Additional discounts may also be obtained at the task order level.

Standardized Requirements – BPA holders are required to meet standardized technical and security requirements.

Comprehensive Services from a Single Task Order – Customers can obtain infrastructure services using a single fixed-price task order.

Proven Acquisition Excellence – IaaS BPAs will be administered using GSA's proven acquisition processes to ensure compliance and efficiency. IaaS BPA holder reporting requirements have already been established to make it easy for BPA users.

Primary Goods and Services:

These BPAs offer three key service offerings through IaaS providers for ordering activities. The requirements have been divided into three distinct Lots:

- Lot 1: Cloud Storage Services - Scalable, redundant, dynamic Web-based storage that provides users with the ability to procure and use data and file storage capabilities remotely via the Internet
- Lot 2: Virtual Machines – Virtualization services that provide on-demand virtual servers that dynamically allocate virtual machines based on load.
- Lot 3: Cloud Web Hosting – Web application hosting services in the cloud that enable scalable, redundant, dynamic web hosting service allowing users to procure and provision Web hosting service online using a web browser via the Internet.

IaaS providers were allowed to offer individual lots, a comprehensive offering inclusive of all lots, or any combination of the three Lots.

Synopsis:

The GSA established multiple BPAs for IaaS offerings on behalf of the Federal Cloud Computing Initiative. Products include storage, centralized managed security, multiple operating systems, and bandwidth utilization services.

These BPAs will be managed by the GSA IaaS Program Management Office. Points of Contact are Michael Anastasio, Service Line Manager (703) 306-6440 or e-mail Michael.Anastasio@gsa.gov and Jon Johnson, Contracting Officer (703) 306-6481 or email Jon.Johnson@gsa.gov.

The IaaS BPAs were awarded competitively against GSA schedules. It is the responsibility of the ordering activity contracting officer to ensure compliance with all applicable fiscal laws prior to issuing an order under a BPA, and to ensure that the BPA holder selected provides the best value for the requirement being ordered.

Funds obligation: This BPA does not obligate any funds. Funds will be obligated on task orders issued by ordering activities.

Ordering Eligibility: This BPA may be used by any entity within the executive branch of government, and by state, local and tribal governments and other entities as listed in GSA Order ADM 4800.2G, [Eligibility to Use GSA Sources of Supply and Services](#) [PDF, 2.46MB], which provides detailed information regarding the agencies and organizations that are eligible to use GSA sources.

Award Date: 10/15/2010

Expire Date: 10/14/2015

Period of Performance: 5 years

Security: Prior to submitting a quote in response to an ordering activity RFQ, BPA awardees must complete the Assessment & Authorization (A&A) process at the Federal Information Security Management Act (FISMA) Moderate Impact Data Security Level as administered by GSA.

General Information Website: IaaS BPA information is available at <http://www.info.apps.gov/node/22>

IaaS Products List:

See Master CLIN Structure (Section 4.0 of this Ordering Guide).

Awarded Vendor List by Lot:

- **Lot 1: Cloud Storage Services – may be obtained via the following 6 BPA awardees:** Apptis, AT&T, Computer Literacy World, Computer Technologies Consultants, Eyak Tech, Insight Public Sector
- **Lot 2: Virtual Machines – may be obtained via the following 11 BPA awardees:** Apptis, Inc. AT&T, Autonomics Resources, Carahsoft, CGI Federal, Computer Literacy World, Computer Technologies Consultants, Eyak Tech, General Dynamics Information Technology, Savvis Federal Systems, Verizon Federal
- **Lot 3: Cloud Web Hosting – may be obtained via the following 5 BPA awardees:** CGI Federal, Computer Literacy World, Computer Technologies Consultants, Eyak Tech, Savvis Federal Systems.

Awarded vendors have assembled skilled teams that will support the development of quality services for ordering activities. The chart below shows the awardees, their associated teams, and the awarded lots:

#	Vendor Name <i>Teaming Partners</i>	Schedule Contract Number	BPA Number	LOT 1 Storage	LOT 2 Virtual Machine	LOT 3 Web Hosting
1	Apptis, Inc. <i>Partnered with Amazon Web Services</i>	GS-35F-0586V	GS00Q11AEA0001	X	X	
2	AT&T Corp. <i>Partnered with Carpathia, Enomaly, and Dell</i>	GS-35F-0249J	GS00Q11AEA0002	X	X	
3	Autonomic Resources LLC	GS-35F-0587R	GS00Q11AEA0003		X	
4	Carahsoft Technology Corporation	GS-35F-0131R	GS00Q11AEA0004		X	
5	CGI Federal Inc.	GS-35F-4797H	GS00Q11AEA0005		X	X
6	Computer Literacy World Inc. <i>Partnered with Electrosoft, XO Communications and Secure Networks</i>	GS-35F-0285T	GS00Q11AEA0006	X	X	X
7	Computer Technologies Consultants, Inc. <i>Partnered with Softlayer, Inc</i>	GS-35F-0377K	GS00Q11AEA0007	X	X	X
8	Eyak Technology, LLC	GS-35F-0317S	GS00Q11AEA0008	X	X	X
9	General Dynamics Information Technology <i>Partnered with Carpathia</i>	GS-35F-4357D	GS00Q11AEA0009		X	
10	Insight Public Sector, Inc. <i>Partnered with Microsoft</i>	GS-35F-0009U	GS00Q11AEA0010	X		
11	Savvis Federal Systems, Inc.	GS-35F-0164M	GS00Q11AEA0011		X	X
12	Verizon Federal Inc.	GS-35F-0146L	GS00Q11AEA0012		X	
Total Awards by Lot				6	11	5

2.0 Seven Steps to Order from Infrastructure as a Service BPAs

This section provides seven simple steps necessary to place an order under the IaaS BPAs. A representative from GSA is always available to answer any questions that may arise.

2.1 Scope Determination

Establish Ordering Activity Requirements

First, determine if the requirement is within scope of the IaaS BPAs. The following services are included:

- Lot 1 - Cloud Storage
- Lot 2 - Virtual Machines
- Lot 3 - Web Hosting

More details regarding the BPA's scope, terms and conditions, BPA holders and other BPA specific information can be found at <http://www.info.apps.gov/node/22>. If further assistance is needed to determine whether the requirements are within scope, please contact GSA Service Line Manager, Michael Anastasio at (703) 306-6440 or e-mail Michael.Anastasio@gsa.gov and Jon Johnson, Contracting Officer at (703) 306-6481 or email Jon.Johnson@gsa.gov.

2.2 Prepare Statement of Work (SOW) or Statement of Objectives (SOO)

When drafting your requirements, here are some salient points to consider:

Scope of work to be performed
Performance objectives
Technical requirements
Deliverables

Location of Work

All IaaS BPA holders are required to have their IaaS servers/facilities located in a minimum of two different geographic locations in the Continental United States of America (CONUS), and all services acquired under the BPA are guaranteed to reside in CONUS.

Period of Performance

The term of the IaaS BPA(s) will be for five (5) years. Quoters may be awarded BPAs that extend beyond the current term of their GSA Schedule contract, so long as there are option periods in their GSA Schedule contract that if exercised, will cover the BPA's period of performance. [FAR 8.405-3(c)]

2.3 Prepare the Request for Quote (RFQ)

Follow your agency's usual procedures for preparing an RFQ, including following any internal policy and procedures related to acquiring IT products and services. Consider the following topics:

Task Order Value & Funding Type

Estimate the value of the order. For orders that are expected to exceed \$1,000,000 you must include language in the RFQ which indicates your intent to seek additional discounts.

- If the intent is to use Recovery Act funding in whole or in part, an informational posting of the RFQ in Fedbizopps (FBO) (www.fedbizopps.gov) [ref FAR 5.704 and 8.404(e)] is required.

Service Level Agreement (SLA) (Performance Measurements)

Service providers are required to meet the SLA requirements specified by GSA, including service availability of 99.5% (measured as Total Uptime Hours / Total Hours within the Month). Ordering activities acquiring services through a task order on the BPA can negotiate lower pricing but the service provider cannot charge prices above the specified prices for a higher level of service.

Evaluation Criteria

In crafting best value evaluation factors, consider including some combination of technical capability, price, and past performance. All orders will be fixed price.

2.4 Issue the RFQ

FAR 8.405 is applicable as well as the ordering activity's specific rules, regulations, policies and procedures.

Ordering activities must issue RFQs to all BPA holders offering the requested services. Further, and in accordance with Section C.5.2 of the solicitation, vendors must obtain a full authorization before any ordering on the BPA is permitted. BPA holders may be solicited, quotes may be received, and a winning vendor may be selected, and ordering activities can select a winner contingent upon a GSA issues ATO. **Task orders cannot be issued until the ATO is complete.** See Awarded Vendor List by Lot (pg 5) for BPA holders and offered services.

- Orders at or below micro-purchase threshold of \$3,000: Ordering activities with purchase cards can place orders directly with BPA holders.
- Orders above the micro-purchase threshold: Ordering activities shall forward the RFQ requirements and evaluation criteria to all BPA holders offering the requested services.

BPA users may issue an RFQ electronically either through eBuy or directly to the vendors listed in Section 3 of this ordering guide. Allow reasonable time for BPA holders to prepare quotes.

2.5 Evaluation

After the RFQ closes, evaluate all responses received using the evaluation criteria specified in the RFQ [see FAR 8.405-2(d) for additional guidance on this topic] and select the BPA holder that represents the best value.

Price Reductions

Notwithstanding the BPA pricing discounts, ordering activities are encouraged and empowered to seek further price reductions when issuing orders under the Iaas BPAs.

2.6 Award

Place the order as you would for any other fixed-price Multiple Award Schedule task order in accordance with FAR 8.406-1.

Documentation:

In accordance with the BPA and FAR 8.405-2(e), ordering activities shall document the following:

- Note the BPA holder receiving the Task Order & all BPA holders considered
- Description of what was purchased and agreed upon pricing
- The evaluation methodology used in selecting the BPA holder to receive the Task Order
- The rationale for any tradeoffs in making the selection
- The price reasonableness determination required by FAR 8.405-2(d)
- The rationale for using other than a performance-based order

Other Helpful Hints:

- Make sure that the BPA number, the BPA holder's name and Schedule Contract Number are included on all orders. Refer to FAR 8.406-1 for information to be included on orders.
- Award Notices for orders placed under this BPA which are funded in whole or in part by the American Recovery and Reinvestment Act of 2009 (Pub. L. 11-5) shall follow the procedures in FAR 5.705.

2.7 Task Order Administration

The IaaS BPA requires that the ordering activity Task Order Contracting Officer use all standard task order administration practices such as:

- Surveillance and monitoring;
- Performance Assessment;
- Timely invoicing processes.

The predefined reporting requirements for the IaaS BPAs are shown below:

Report(s)	Due Date	Report Initiator	Recipient(s)
Written notification of new task order (includes –Task Order Name and Number; Name of Funding Agency POC; Name of Award Agency POC; Period of Performance; Estimated dollar value) Complete copy of task order	Within five (5) days of award	BPA Holder	BPA Contracting Officer; BPA Service Line Mgr;
Monthly Task Order Status Report	15 th of the following month	BPA Holder	BPA Contracting Officer; BPA Service Line Mgr; Task Order Contracting Officer (courtesy copy-no action required)
Task Orders utilizing Recovery Funds	NLT Day 10 after the end of each quarter (April, June, September, December)	BPA Holder	www.FederalReporting.gov
Awarding Agency Contracting Officer – Task Order Summary Report	20 th of the month following the end of each quarter (April, June, September, December)	IaaS BPA Program Office	Awarding Agency Contracting Officer Awarding Agency COR
Customer Satisfaction Report (See Attachment B of this document for a sample)	29 th of the month following the end of each quarter (April, June, September, December)	Awarding Agency Contracting Officer	BPA Contracting Officer; BPA Service Line Mgr Task Order Contracting Officer

3.0 IaaS BPA Vendors Contacts

<u>IaaS BPA Awardee</u>	<u>Program Manager</u>	<u>Office Phone</u>
Apptis Inc.	Cameron Chaboudy Cameron.Chaboudy@Apptis.com	703-579-0450
AT&T Corp.	Nellie Hashemi nh1653@att.com	571-354-4279
Autonomic Resources	James Bowman james_bowman@autonomicresources.com	202-461-3362
Carahsoft	Melany Smith Melany.smith@carahsoft.com	703- 230- 7413
CGI Federal Inc.	John Pientka john.pientka@cgifederal.com	954-232-5531
Computer Literacy World	Carlos Weaver cweaver@clwservices.com	301-429-1266
Computer Technologies Consultants, Inc.	Don Barber dbarber@usa-ctc.com	240-547-0049
Eyak Tech LLC	Jodi Kohut jodi.kohut@eyaktek.com	540-752-4646
General Dynamics Information Technology	Walter Greenspon walter.greenspon@gdit.com	703-852-2223
Insight Public Sector	Ellen Farnum Ellen.Farnum@insight.com	703-227-2928
Savvis Federal Systems	Dave Kohr David.Kohr@savvis.net	703-673-4568
Verizon Federal Inc.	Alan Ellis Alan.A.Ellis@VerizonBusiness.com	703-886-3960

4.0 CLIN Pricing Worksheet with the Master CLIN Structure:

See Awarded Vendor List by Lot (pg 6) for BPA holders that are approved for specific services.

CLIN	Description	
LOT 1	Price per Unit of Storage	(\$)/GB of Storage/ Month
0001	Cloud Storage GB/Month	
0001AA	Web Addressable Cloud Storage 0 GB/Month to 50,000 GB/Month	<input type="text"/>
0001AB	Web Addressable Cloud Storage 50,001 GB/Month to 100,000 GB/Month	<input type="text"/>
0001AC	Web Addressable Cloud Storage 100,001 GB/Month to 300,000 GB/Month	<input type="text"/>
0001AD	Web Addressable Cloud Storage over 300,000 GB/Month	<input type="text"/>
	Price per Unit for Data Transfer Bandwidth In	(\$)/GB of Data In/ Month
0002	Data Transfer Bandwidth In GB/Month --Web Addressable Cloud	
0002AA	Bandwidth In 0 GB/Month to 10,000 GB /Month	<input type="text"/>
0002AB	Bandwidth In 10,001 GB /Month to 50,000 GB/Month	<input type="text"/>
0002AC	Bandwidth In 50,001 GB/Month to 150,000 GB/Month	<input type="text"/>
0002AD	Bandwidth In Over 150,000 GB/Month	<input type="text"/>
		Per Occurrence
0002BA	BULK Transfer in	<input type="text"/>
	Price per Unit for Data Transfer Bandwidth out	(\$)/GB of Data Out/ Month
0003	Data Transfer Bandwidth Out GB/Month --Web Addressable Cloud	
0003AA	Bandwidth Out 0 GB/Month to 10,000 GB /Month	<input type="text"/>
0003AB	Bandwidth Out 10,001 GB /Month to 50,000 GB/Month	<input type="text"/>
0003AC	Bandwidth Out 50,001 GB/Month to 150,000 GB/Month	<input type="text"/>
0003AD	Bandwidth Out Over 150,000 GB/Month	<input type="text"/>
		Per Occurrence
0003BA	BULK Transfer out	<input type="text"/>

LOT 2		Price for Virtual Machine Bundle (Windows OS) -- Persistent storage	(\$/Bundle/hour)
0004	Virtual Machine Bundle Windows OS -- Persistent Storage		
0004AA	32 Bit -1 GB RAM, 40 GB HDD Bundle or equivalent		
0004AB	32 Bit -2 GB RAM, 80 GB HDD Bundle or equivalent		
0004AC	32 Bit -4 GB RAM, 160 GB HDD Bundle or equivalent		
0004AD	32 Bit -8 GB RAM, 320 GB HDD Bundle or equivalent		
0004AE	32 Bit -15.5 GB RAM, 620 GB HDD Bundle or equivalent		
0004BA	64 Bit -1 GB RAM, 40 GB HDD Bundle or equivalent		
0004BB	64 Bit -2 GB RAM, 80 GB HDD Bundle or equivalent		
0004BC	64 Bit -4 GB RAM, 160 GB HDD Bundle or equivalent		
0004BD	64 Bit -8 GB RAM, 320 GB HDD Bundle or equivalent		
0004BE	64 Bit -15.5 GB RAM, 620 GB HDD Bundle or equivalent		
0004CA	Windows Server® 2003 Standard Edition 32 and 64 bit		
0004CB	Windows Server® 2008 Standard Edition 32 and 64 bit		
0004CC	Microsoft Windows Server 2008 Enterprise 32 and 64 bit		
0004CD	Windows Server® 2008 Enterprise Edition 32 and/or 64-bit		
0004CE	Windows Server® 2008 R2 DataCenter 32 and/or 64 bit		
0004CF	Windows Server® 2003 R2 DataCenter 32 and/or 64 bit		
0004CG	Windows Server® 2003 Web Edition 32 and/or 64 bit		
0004CH	Windows Server® 2008 Enterprise Edition 32 and/or 64-bit (OutSourced)		
0004DA	64 Bit 2 Processors at 3 GHz -1 GB RAM, 40 GB HDD Bundle or equivalent		
0004DB	64 Bit 2 Processors at 3 GHz -2 GB RAM, 80 GB HDD Bundle or equivalent		
0004DC	64 Bit 2 Processors at 3 GHz -4 GB RAM, 160 GB HDD Bundle or equivalent		
0004DD	64 Bit 2 Processors at 3 GHz -8 GB RAM, 320 GB HDD Bundle or equivalent		

Price for Virtual Machine Bundle (LinuxOS) -- Persistent storage		(\$/Bundle/hour)
0005	Virtual Machine Bundle Linux OS -- Persistent storage	
0005AA	32 Bit -1 GB RAM, 40 GB HDD Bundle or equivalent	
0005AB	32 Bit -2 GB RAM, 80 GB HDD Bundle or equivalent	
0005AC	32 Bit -4 GB RAM, 160 GB HDD Bundle or equivalent	
0005AD	32 Bit -8 GB RAM, 320 GB HDD Bundle or equivalent	
0005AE	32 Bit -15.5 GB RAM, 620 GB HDD Bundle or equivalent	
0005BA	64 Bit -1 GB RAM, 40 GB HDD Bundle or equivalent	
0005BB	64 Bit -2 GB RAM, 80 GB HDD Bundle or equivalent	
0005BC	64 Bit -4 GB RAM, 160 GB HDD Bundle or equivalent	
0005BD	64 Bit -8 GB RAM, 320 GB HDD Bundle or equivalent	
0005BE	64 Bit -15.5 GB RAM, 620 GB HDD Bundle or equivalent	
0005CA	Ubuntu® v.10 32 and/or 64 bit	
0005CB	Red Hat® Enterprise Linux® 5.5® 32 and/or 64 bit	
0005CC	CentOS 5.0, 5.5 32 and/or 64 bit	
0005CD	SUSE Linux Enterprise Version 11.3 32 and/or 64 bit	
0005CE	Red Hat® Enterprise Linux 4. 32 and/or 64 bit	
0005CF	Fedora Core 8 32 and/or 64 bit	
0005CG	Debian 32 and/or 64 bit	
0005DA	32 Bit 2 Processors at 3 GHz -1 GB RAM, 40 GB HDD Bundle or equivalent	
0005DB	32 Bit 2 Processors at 3 GHz -2 GB RAM, 80 GB HDD Bundle or equivalent	
0005DC	32 Bit 2 Processors at 3 GHz -4 GB RAM, 160 GB HDD Bundle or equivalent	
0005DD	32 Bit 2 Processors at 3 GHz -8 GB RAM, 320 GB HDD Bundle or equivalent	
0005EA	64 Bit 2 Processors at 3 GHz -1 GB RAM, 40 GB HDD Bundle or equivalent	
0005EB	64 Bit 2 Processors at 3 GHz -2 GB RAM, 80 GB HDD Bundle or equivalent	
0005EC	64 Bit 2 Processors at 3 GHz -4 GB RAM, 160 GB HDD Bundle or equivalent	
0005ED	64 Bit 2 Processors at 3 GHz -8 GB RAM, 320 GB HDD Bundle or equivalent	

Price for Virtual Machine Hosting Bundles (Solaris OS) -- Persistent storage		(\$/Bundle/hour)
0006	Virtual Machine Bundle Solaris OS -- Persistent storage	
0006AA	32 Bit -1 GB RAM, 40 GB HDD Bundle or equivalent	
0006AB	32 Bit -2 GB RAM, 80 GB HDD Bundle or equivalent	
0006AC	32 Bit -4 GB RAM, 160 GB HDD Bundle or equivalent	
0006AD	32 Bit -8 GB RAM, 320 GB HDD Bundle or equivalent	
0006AE	32 Bit -15.5 GB RAM, 620 GB HDD Bundle or equivalent	
0006BA	64 Bit -1 GB RAM, 40 GB HDD Bundle or equivalent	
0006BB	64 Bit -2 GB RAM, 80 GB HDD Bundle or equivalent	
0006BC	64 Bit -4 GB RAM, 160 GB HDD Bundle or equivalent	
0006BD	64 Bit -8 GB RAM, 320 GB HDD Bundle or equivalent	
0006BE	64 Bit -15.5 GB RAM, 620 GB HDD Bundle or equivalent	
0006CA	SunOS Solaris v.10 32 and/or 64 bit	
0006CB	Open Solaris Version 2008.11, 2009.06 32 and/or 64 bit	
Price per Unit for Supplemental Disk Space for Virtual Machine Lots -- Persistent storage		(\$/GB of Disk Space/hour)
7	Supplemental Disk Space for Virtual Machine Lots -- Persistent storage	
0007AA	Additional Disk Space for: 1 GB RAM VM Bundle CLIN (0004-6)AA (0004-6)BA	
0007AB	Additional Disk Space for: 2 GB RAM VM Bundle CLIN (0004-6)AB (0004-6)BB	
0007AC	Additional Disk Space for: 4 GB RAM VM Bundle CLIN (0004-6)AC (0004-6)BC	
0007AD	Additional Disk Space for: 8 GB RAM VM Bundle CLIN (0004-6)AD (0004-6)BD	
0007AE	Additional Disk Space for: 15.5 GB RAM VM Bundle CLIN (0004-6)AE (0004-6)BE	

Price for Virtual Machine Bundle (Windows OS) -- non-persistent storage		(\$/Bundle/hour)
0008	Virtual Machine Bundle Windows OS -- non-persistent storage	
0008AA	32 Bit -1 GB RAM, 40 GB HDD Bundle or equivalent	
0008AB	32 Bit -2 GB RAM, 80 GB HDD Bundle or equivalent	
0008AC	32 Bit -4 GB RAM, 160 GB HDD Bundle or equivalent	
0008AD	32 Bit -8 GB RAM, 320 GB HDD Bundle or equivalent	
0008AE	32 Bit -15.5 GB RAM, 620 GB HDD Bundle or equivalent	
0008BA	64 Bit -1 GB RAM, 40 GB HDD Bundle or equivalent	
0008BB	64 Bit -2 GB RAM, 80 GB HDD Bundle or equivalent	
0008BC	64 Bit -4 GB RAM, 160 GB HDD Bundle or equivalent	
0008BD	64 Bit -8 GB RAM, 320 GB HDD Bundle or equivalent	
0008BE	64 Bit -15.5 GB RAM, 620 GB HDD Bundle or equivalent	
0008CA	Windows Server® 2003 Standard Edition 32 and 64 bit	
0008CB	Windows Server® 2008 Standard Edition 32 and 64-bit	
0008CC	Windows Server® 2003 Enterprise Edition 2003 32 and 64 bit	
0008CD	Windows Server® 2008 Enterprise Edition 32 and 64-bit	
0008CE	Windows Server® 2008 R2 DataCenter 32 and 64 bit	
0008CF	Windows Server® 2003 R2 DataCenter 32 and 64 bit	
0008CG	Windows Server® 2003 Web Edition 32 and 64 bit	

Price for Virtual Machine Bundle (LinuxOS) -- non-persistent storage		(\$/Bundle/hour)
0009	Virtual Machine Bundle Linux OS -- non-persistent storage	
0009AA	32 Bit -1 GB RAM, 40 GB HDD Bundle or equivalent	
0009AB	32 Bit -2 GB RAM, 80 GB HDD Bundle or equivalent	
0009AC	32 Bit -4 GB RAM, 160 GB HDD Bundle or equivalent	
0009AD	32 Bit -8 GB RAM, 320 GB HDD Bundle or equivalent	
0009AE	32 Bit -15.5 GB RAM, 620 GB HDD Bundle or equivalent	
0009BA	64 Bit -1 GB RAM, 40 GB HDD Bundle or equivalent	
0009BB	64 Bit -2 GB RAM, 80 GB HDD Bundle or equivalent	
0009BC	64 Bit -4 GB RAM, 160 GB HDD Bundle or equivalent	
0009BD	64 Bit -8 GB RAM, 320 GB HDD Bundle or equivalent	
0009BE	64 Bit -15.5 GB RAM, 620 GB HDD Bundle or equivalent	
0009CA	Ubuntu® v.10 32 and/or 64 bit	
0009CB	Red Hat® Enterprise Linux® 5.5® 32 and/or 64 bit	
0009CC	CentOS 5.0, 5.5 32 and/or 64 bit	
0009CD	SUSE Linux Enterprise Version 11.3 32 and/or 64 bit	
0009CE	Red Hat® Enterprise Linux 4. 32 and/or 64 bit	
0009CF	Fedora Core 8 32 and/or 64 bit	

Price for Virtual Machine Hosting Bundles (Solaris OS) -- non-persistent storage		(\$/Bundle/hour)
0010	Virtual Machine Bundle Solaris OS -- non-persistent storage	
0010AA	32 Bit -1 GB RAM, 40 GB HDD Bundle or equivalent	
0010AB	32 Bit -2 GB RAM, 80 GB HDD Bundle or equivalent	
0010AC	32 Bit -4 GB RAM, 160 GB HDD Bundle or equivalent	
0010AD	32 Bit -8 GB RAM, 320 GB HDD Bundle or equivalent	
0010AE	32 Bit -15.5 GB RAM, 620 GB HDD Bundle or equivalent	
0010BA	64 Bit -1 GB RAM, 40 GB HDD Bundle or equivalent	
0010BB	64 Bit -2 GB RAM, 80 GB HDD Bundle or equivalent	
0010BC	64 Bit -4 GB RAM, 160 GB HDD Bundle or equivalent	
0010BD	64 Bit -8 GB RAM, 320 GB HDD Bundle or equivalent	
0010BE	64 Bit -15.5 GB RAM, 620 GB HDD Bundle or equivalent	
0010CA	SunOS Solaris v.10 32 and/or 64 bit	
0010CB	Open Solaris Version 2008.11, 2009.06 32 and/or 64 bit	
Price per Unit of Block Storage for Virtual Machine Lots -- non-Persistent storage		
11	Persistent Block Cloud Storage for Virtual Machine Lots	
0011AA	Provisioned Disk/Block Cloud Storage/Volume for Virtual Machine Lots -- to be used on Non-Persistent Virtual Machines Instances	(\$)/GB of Provisioned Storage/ Month
0011AA	Disk/Block Storage I/O requests for Virtual Machine Lots -- to be used on Non-Persistent Virtual Machines Instances	(\$)/1 million I/O requests

Price per Unit for Data Transfer Bandwidth In		(\$/GB Data In/month)
0012	Virtual Machine Data Transfer Bandwidth	
0012AA	Bandwidth In 0 GB/Month to 10,000 GB /Month	
0012AB	Bandwidth In 10,001 GB /Month to 50,000 GB/Month	
0012AC	Bandwidth In 50,001 GB/Month to 150,000 GB/Month	
0012AD	Bandwidth In Over 150,000 GB /Month	
0012BA	BULK Transfer in	Per Occurrence
Price per Unit for Data Transfer Bandwidth out		(\$/GB Data Out/month)
0013	Virtual Machine Data Transfer Bandwidth	
0013AA	Bandwidth Out 0 GB/Month to 10,000 GB /Month	
0013AB	Bandwidth Out 10,001 GB /Month to 50,000 GB/Month	
0013AC	Bandwidth Out 50,001 GB/Month to 150,000 GB/Month	
0013AD	Bandwidth Out Over 150,000 GB /Month	
0013BA	BULK Transfer out	

Lot 3	Price for Cloud Web Hosting Bundles (Windows OS or equivalent)	(\$/Bundle/month)
0014	Web Hosting Bundle Windows OS or equivalent	
0014AA	10 GB Disk, 300 GB Bandwidth//Month Bundle or equivalent	N/A
0014AB	50 GB Disk, 500 GB Bandwidth//Month Bundle or equivalent	N/A
0014AC	150 GB Disk, 1500 GB Bandwidth//Month Bundle or equivalent	N/A
0014BA	Windows OS or equivalent Type/Version Option1	N/A
0014BB	Windows OS or equivalent Type/Version Option2	N/A
0014BC	Windows OS or equivalent Type/Version Option3	N/A
0014CA	Optional Database 1	N/A
0014CB	Optional Database 2	N/A

0014CC	Optional Database 3	N/A
0014CD	Optional Database 4	N/A
0014CE	Optional Database 5	N/A
0014DA	Windows IIS Web server software	N/A
0014DB	Apache + PHP stack	N/A
0014DC	Apache + TomCat stack	N/A
Price for Cloud Web Hosting Bundles (Linux or equivalent)		
0015	Web Hosting Bundle Linux/Unix OS or equivalent	
0015AA	10 GB Disk, 300 GB Bandwidth//Month Bundle or equivalent	N/A
0015AB	50 GB Disk, 500 GB Bandwidth//Month Bundle or equivalent	N/A
0015AC	150 GB Disk, 1500 GB Bandwidth//Month Bundle or equivalent	N/A
0015BA	Linux OS or equivalent Type/Version Option1	N/A
0015BB	Linux OS or equivalent Type/Version Option2	N/A
0015BC	Linux OS or equivalent Type/Version Option3	N/A
0015CA	Optional Database 1	N/A
0015CB	Optional Database 2	N/A
0015CC	Optional Database 3	N/A
0015CD	Optional Database 4	N/A
0015CE	Optional Database 5	N/A
0015DA	Windows IIS Web server software	N/A
0015DB	Apache + PHP stack	N/A
0015DC	Apache + TomCat stack	N/A

Cloud Web Hosting Pricing Supplemental Option Units		
0016	Web Hosting Supplemental Disk Space	
0016AA	10 GB Bundle or equivalent	N/A
0016AB	50 GB Bundle or equivalent	N/A
0016AC	150 GB Bundle or equivalent	N/A
Price per Unit for Data Transfer Bandwidth In		
0017	Web Hosting Supplemental Data Transfer In	
0017AA	10 GB Bundle or equivalent	N/A
0017AB	50 GB Bundle or equivalent	N/A
0017AC	150 GB Bundle or equivalent	N/A
0017BA	BULK Transfer in	N/A
Price per Unit for Data Transfer Bandwidth Out		
0018	Web Hosting Supplemental Data Transfer Out	
0018AA	10 GB Bundle or equivalent	N/A
0018AB	50 GB Bundle or equivalent	N/A
0018AC	150 GB Bundle or equivalent	N/A
0018BA	BULK Transfer out	N/A